

Amendments to the Claims

This listing of claims will replace the originally filed claims in the application.

Listing of Claims:

Claims 1 – 4 (cancelled).

Claim 5 (currently amended): A system for filling a cryogenic fluid storage tank from a mobile tank comprising a pressurized-fluid supply pump that can be connected via a filling hose to a fluid inlet of the storage tank, wherein the mobile tank comprises a pump control unit including a pressure sensor that can be connected to a pressure tapping of the storage tank, and programmable logic allowing the pump to operate only when the pressure measured in the storage tank lies within a predetermined range.

Claim 6 (previously presented): The system of claim 5, wherein the control unit is connected to a secondary hose that can be connected selectively to the pressure tapping of the storage tank.

Claim 7 (previously presented): The system of claim 5, wherein the filling hose comprises a manually-disengageable non-return valve device.

Claim 8 (previously presented): The system of claim 5, wherein the cryogenic fluid is a gas from the air.

Claim 9 (new): The system of claim 5, wherein said predetermined range comprises three sub-ranges.

Claim 10 (new): The system of claim 9, wherein a first of said sub-ranges is from 0.5 to 5 bar, a second of said sub-ranges is from 6 to 15 bar, and a third of said sub-ranges is from 16 to 35 bar.

Claim 10 (new): The system of claim 5, wherein said programmable logic allows the pump to start up with a delivery pressure corresponding to a lower limit of said range and triggers a safety shutdown of said pump if the upper limit of said range is reached in said storage tank.

Claim 11 (new): The system of claim 5, wherein said pressure sensor can be connected to a pressure tapping of the storage tank via a secondary hose.

Claim 12 (new): The system of claim 11, wherein said secondary hose is adapted such that said secondary hose cannot be kept under pressure when disconnected from the pressure tapping.